

Volume Five/Number One/1966

The functional structure of OS/360	2
Part I Introductory survey <i>G. H. Mealy</i>	3
Part II Job and task management <i>B. I. Witt</i>	12
Part III Data management <i>W. A. Clark</i>	30

Volume Five/Number Two/1966

Macro language design for SYSTEM/360 <i>D. N. Freeman</i>	62
A study of replacement algorithms for a virtual-storage computer <i>L. A. Belady</i>	78
Computation of e^x with the use of large tables <i>K. Spielberg</i>	102
A queuing model for a simple case of time sharing <i>W. Chang</i>	115

Contents of Volume Five

Volume Five/Number Three/1966

On teleprocessing system design	
Part I Characteristic problems <i>W. P. Margopoulos and R. J. Williams</i>	134
Part II A method for approximating the optimal network <i>L. R. Esau and K. C. Williams</i>	142
Part III An analysis of a request-queued buffer pool <i>J. P. Bricault and I. Delgalvis</i>	148
Part IV An analysis of auxiliary storage activity <i>P. H. Seaman, R. A. Lind, and T. L. Wilson</i>	158
Part V A technique for estimating channel interference <i>T. W. Gay, Jr.</i>	171
Part VI The role of digital simulation <i>P. H. Seaman</i>	175

Volume Five/Number Four/1966

A computer program for the statistical analysis of series of events <i>P. A. W. Lewis</i>	202
Merge-sort analysis by matrix techniques <i>C. E. Radke</i>	226
Kernel analysis of elliptic partial differential equations <i>S. G. Hahn and E. V. Hankam</i>	248

Errata

Page 67, Table 2, Line 4, should read: &MN L 0, PAR 1 (1)

Pages 113 and 114, the fifth statement of each appendix should read:
2B00 SDR E1, E1 RETURN WITH NORMAL ZERO

Page 174, Footnote 2 should read: If x memory cycles are required ...,
then n units of time will be required ...